

PLAN VIEW

Notes:

1. Meters will be furnished and installed by the City at customers expense. All others shall be installed by contractor.

2. Detector check valve shall be Hershey/Grinnell 2 or approved equal.

3. All cast iron fittings & other buried ferrous metal shall be covered by two coats of mastic with a thickness of 15 mil. Stainless steel bolts shall be used on all flanged fittings.

4. Vault Specifications, Christy with necessary extensions or approved equal:

F.S. Size	Vault	LID
4"	R-17 P36	R1752H
6"	R-27 P36	R2752H
8"	R-33 P36	R3352H
10"	R-37 P36	R3752H

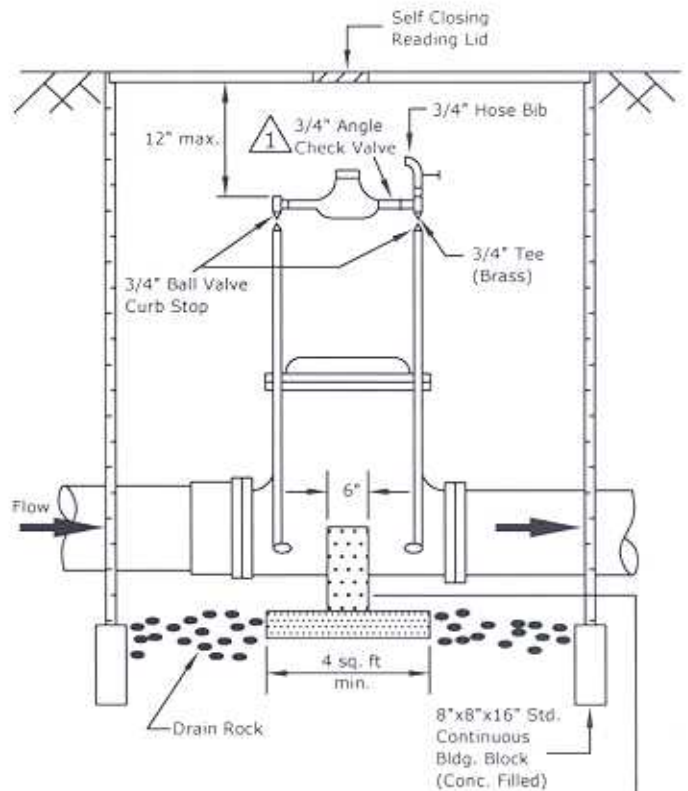
5. Concrete slab to be 2'x2'x4' thick(min.).

6. Drain rock to be 4" thick.

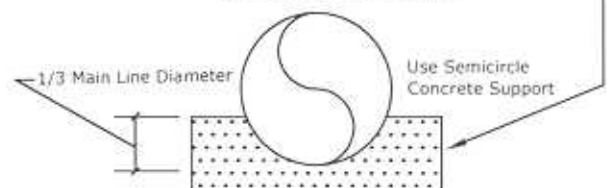
7. Reading lid shall be a minimum of 7" diameter or 7"x10" centered over each register. The opening shall span compound meter registers. The lid for the vault shall be a two piece steel checker plate, parkway, hinged, spring loaded, screw-down, galvanized with safety guard bars and self closing reading lid or lids (as requested).

8. Contractor shall install a Calpico Type E (option 3) Isolation kit or equivalent for the tapping flange at all metallic water main locations.

9. Vault side openings shall be grouted.



ELEVATION



NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

**DETECTOR CHECK VALVE
INSTALLATION FOR ON-SITE FIRE
SERVICE**

REVISION DATE DESIGNED: MK

1 11/28/05 DRAWN: JH

CHECKED: MK

1 APPROVED BY: *[Signature]*

CITY ENGINEER

DATE: 11/28/05

**STANDARD DRAWING
NO. 730**

ORIGINAL: 11/13/97
DATE

SHEET 1 OF 1